



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT TRANSMITTAL FORM

Applicant(s):

Anderson, et al.

Serial No.:

10/688,641

Filed:

October 17, 2003

For:

SKIN CARE COMPOSITION THAT MEDIATES CELL TO CELL  
COMMUNICATION

Art Unit:

1619

Examiner:

Not Yet Assigned

Customer No.:

27623

Attorney Docket No.: 550.0155USQX

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are enclosing:

1. Information Disclosure Statement;
2. Three PTO Form 1449 with copies of references;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Charles N.J. Ruggiero  
Reg. No. 28,468

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682  
(203) 327-4500

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON February 5, 2004.

Leslie Moscatello  
NAME

  
SIGNATURE

2/5/04  
DATE



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Anderson, et al.

Serial No.: 10/688,641

Filed: October 17, 2003

For: SKIN CARE COMPOSITION THAT MEDIATES CELL TO CELL  
COMMUNICATION

Art Unit: 1619

Examiner: Not Yet Assigned

Customer No.: 27623

Attorney Docket No.: 550.0155USQX

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, we are enclosing form PTO-1449 listing information that may be material to the patentability of this application.

The following citations in the first PTO form 1449 were either (1) cited by or (2) submitted to the U.S. Patent and Trademark Office in priority application Serial No. 09/461,449, filed December 14, 1999. Accordingly, copies of the following references have not been submitted herewith. (37 C.F.R. §1.98(d)).

The following citations in the second PTO form 1449 were either (1) cited by or (2) submitted to the U.S. Patent and Trademark Office in priority application Serial No. 09/812,707, filed March 20, 2001. Accordingly, copies of the following references have not been submitted herewith. (37 C.F.R. §1.98(d)).

It is applicants' belief that none of the above citations describe that which is claimed in the present invention.

Cited in the attached third PTO-1449 are U.S. Patent Nos. 4,702,913; 4,814,171; 4,873,227; 5,658,754; 5,759,828; 5,795,999; 5,882,660; 5,883,074; 5,883,994; 5,908,836 and 5,919,815. Pursuant to the waiving of the requirement of 37 CFR 1.98 (a)(2)(i), copies of these U.S. references are not enclosed.

We are also enclosing a copy of each of the following citations that are listed in the third form PTO-1449:

Canadian Patent Application Nos. 1,150,153; 1,302,264; 2,020,199; 2,067,194; 2,126,704; 2,148,202; 2,244,882; 2,258,513. PCT Publication Nos.: WO 92/04420 and WO 99/38483. Japanese Publication No.: 09-030946. Article entitled "Ein Kosmetisches Dinucleotid-tetraphosphat".

It should be understood that attention has been called to the citations that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed citations and to make the usual careful independent search for other prior art that may be pertinent.

Since this Information Disclosure Statement is being filed prior to the issuance of the first Office Action based on the merits, no petition or fee is required.

Applicants respectfully request favorable consideration and that this application be passed to allowance.

Respectfully submitted,



Charles N.J. Ruggiero  
Reg. No. 28,468  
Attorney for Applicant(s)  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, CT 06901-2682  
(203) 327-4500

Date: February 5, 2004

CUSTOMER NO.: 27623

## THIRD PTO 1449

Sheet 1 of 1

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) 550.0155USQX	Application Number 10/688,641
		Applicant Anderson, et al.	
		Filing Date October 17, 2003	Group Art Unit 1619

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,702,913	10/27/1987	Marty			
	4,814,171	03/21/1989	Marty			
	4,873,227	10/10/1989	Ikada, et al.			
	5,658,754	08/19/1997	Kawasaki			
	5,759,828	06/02/1998	Tal, et al.			
	5,795,999		(Withdrawn)			
	5,882,660	03/16/1999	Chambers, et al.			
	5,883,074	03/16/1999	Boggs, et al.			
	5,883,994	03/16/1999	Snyder			
	5,908,836	06/01/1999	Bar-Shalom, et al.			
	5,919,815	07/06/1999	Bradley, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1,150,153	1983/07/19	Canada				
	1,302,264	1987/06/11	Canada				
	2,020,199	2002/08/20	Canada				
	2,067,194	2003/03/18	Canada				
	2,126,704	1998/07/14	Canada				
	2,148,202	1996/04/21	Canada				
	2,244,882	1997/08/07	Canada				
	2,258,513	1998/01/08	Canada				
	WO 92/04420	1992/03/19	PCT				X
	WO 99/38483	1999/08/05	PCT				X
	JP 09303946	1997/04/02	Japan (English Abstract)				X

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

D. Peyronel, et al. "Ein Kosmetisches Dinucleotid-tetraphosphat" Parfumeric und Kosmetick 79, Jahrgang, Nr. 7-8/98 pg 14-15

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CUSTOMER NO.: 27623

## SECOND PTO 1449

Sheet 1 of 2

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	FEB 09 2004 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE	Docket Number (Optional) 550.0155USQX	Application Number 10/688,641
		Applicant Anderson, et al.	
		Filing Date October 17, 2003	Group Art Unit 1619

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,978,213	08/31/76	Lapinet, et al.			
	4,496,536	11/29/85	Moller, et al.			
	5,126,376	06/30/92	Stephen Herman			
	5,190,979	03/02/93	Stephen Herman			
	5,262,552	11/16/93	Takano, et al.			
	5,314,873	05/24/94	Tomita, et al.			
	5,362,494	11/08/94	Zysman, et al.			
	5,484,597	01/16/96	Slavtcheff, et al.			
	5,504,219	04/02/96	Takano, et al.			
	5,541,225	07/30/96	Leaf, et al.			
	5,626,868	05/06/97	Morancais, et al.			
	5,686,489	11/11/97	Yu, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 94/07593	04/14/94	PCT				
	WO 96/17605	06/1996	PCT				
	WO 97/09039	03/13/97	PCT				
	WO 97/27835	08/07/97	PCT				
	80218/91	01/09/92	Australia				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

STN/CAS online, file CAPLUS, Acc.No. 1999:495147, Doc. No. 131:134413, (COTY B.V. Neth. WO 9938483 A (05.08.1999) "Cosmetic Product based on Artemia salina extract for regenerating and stimulating skin cells") Abstract
STN/CAS online, file CAPLUS, Acc. No. 1998:573891, Doc. No. 129:325844, (Gupta et al., Pharmaceutical Biology Netherlands (1998), 36 (1), 72-74) Abstract
STN/CAS online, file CAPLUS, Acc. No. 1992:425089, Doc. No. 117:25089, (Dainippon Ink and Chemicals, Inc., Japan, WO 9204420 A (19.03.1992), "Sunflower seed extract as antioxidant") Abstract

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CUSTOMER NO.: 27623

SECOND PTO 1449

Sheet 2 of 2.

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)		Docket Number (Optional) 550.0155USQX	Application Number 10/688,641
		Applicant Anderson, et al.	
		Filing Date October 17, 2003	Group Art Unit 1619

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1,339,196	08/05/97	Canada				
	2,259,822	08/29/75	France				X
	24 04 621	08/07/75	Germany				X
	39 26 658 A1	02/15/90	Germany				X
	50-23576	03/13/75	Japan				X
	52-83704	07/12/77	Japan				X
	60-28814	07/06/85	Japan				X
	63-185990	08/01/88	Japan				X
	4-208295	07/29/92	Japan				X
	4-257544	09/11/92	Japan				X
	4-257595	09/11/92	Japan				X
	4-257596	09/11/92	Japan				X
	4-279521	10/05/92	Japan				X
	4-316586	11/06/92	Japan				X
	8-225457	09/03/96	Japan				X
	09030946	02/1997	Japan				X
	10-114648	05/06/98	Japan				X

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Lamotte, et al. "Phytanic acid is a retinoid x receptor ligand" Eur. J. Biochem 236, 328-333 (1996).

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CUSTOMER NO.: 27623

## FIRST PTO 1449

Sheet 1 of 1.

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)		Docket Number (Optional) 550.0155USQX	Application Number 10/688,641
		Applicant Anderson, et al.	
		Filing Date October 17, 2003	Group Art Unit 1619

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,978,213	08/31/1976	Lapinet, et al.			
	5,314,873	05/24/1994	Tomita, et al.			
	5,362,494	11/08/1994	Zysman, et al.			
	5,484,597	01/16/1996	Slavtcheff, et al.			
	5,626,868	05/06/1997	Morancais, et al.			
	5,686,489	11/11/1997	Yu, et al.			
	5,741,518	04/21/1998	Ribier, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 96/17605	06/1996	WO				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	STN/CAS online, file CAPLUS, Acc.No. 1999:495147, Doc. No. 131:134413, (COTY B.V. Neth. WO 9938483 A (05.08.1999) "Cosmetic Product based on Artemia salina extract for regenerating and stimulating skin cells") Abstract
	STN/CAS online, file CAPLUS, Acc. No. 1998:580363, Doc. No. 129:206991, (Parfuem. Kosmet. (1998), Vol. 79, No 7/8, pp 14-16) Abstract
	STN/CAS online, file CAPLUS, Acc. No. 1992:425089, Doc. No. 117:25089, (Dainippon Ink and Chemicals, Inc., Japan, WO 9204420 A (19.03.1992), "Sunflower seed extract as antioxidant") Abstract

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.